

On page 22, delete the first line, and insert:
--What Is Claimed Is:--.

IN THE ABSTRACT:

- Delete line 1, and insert:
-- ABSTRACT OF THE DISCLOSURE--.
- Line 3, change "The invention relates to" to --A system for a--.
- Lines 5-6, delete "according to the invention".
- Line 7, change "invention discloses" to --system provides--.
- Lines 8-9, delete "according to the invention".
- Line 10, change "invention" to --system--.

IN THE CLAIMS:

Please cancel claims 1-9, without prejudice.

Please add new claims 10-29, as follows:

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~~10~~. (New) A system for changing a first signal which represents a rotational movement of a vehicle wheel, comprising:

 a first arrangement generating the first signal;
 a second arrangement generating a plurality of second signals, each one of the second signals representing different operating states of a plurality of devices; and
 a third arrangement modifying the first signal, in a single predefined manner, as a function of at least one of the second signals.

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~~11~~. (New) A system for evaluating a selected signal which represents a rotational movement of a vehicle wheel, the

vehicle wheel including a wheel brake, a further signal for transmitting further information being modifiable in a predefined manner, the system comprising:

a generating arrangement generating at least one first signal which represents a wheel-brake actuation; and

an evaluating arrangement combining one of the selected signal and the further signal with the at least one first signal to form a plurality of second signals which represent the further information.

94y 3
12. (New) A system for modifying and evaluating a first signal which represents a rotational movement, comprising:

a first arrangement generating the first signal;

a second arrangement generating a plurality of second signals, each one of the second signals representing different operating states of a plurality of devices;

a third arrangement modifying the first signal as a function of at least one of the second signals in a single predefined manner;

a fourth arrangement generating at least one third signal which represents a brake actuation; and

a fifth arrangement generating a plurality of fourth signals by combining one of the generated first signal and the modified first signal with the at least one third signal, the fourth signals representing different operating states of the devices.

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13. (New) The system according to claim ~~10~~¹, wherein the first arrangement includes a rotational-speed sensor, and wherein the vehicle wheel interacts with a brake pad of a wheel brake.

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14. (New) The system according to claim ~~11~~², wherein the wheel brake includes a brake pad, and wherein the further information includes one of a wear of the brake pad and a signal quality of the selected signal.

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15. (New) The system according to claim ~~12~~³, wherein the devices include at least one of the first arrangement and a brake pad of a wheel brake.

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16. (New) The system according to claim ~~10~~¹, wherein the first signal has at least one of a plurality of current values and a plurality of voltage values, and wherein the third arrangement changes at least one of the current values and the voltage values to at least one of a respective further current value and a respective voltage value for a predetermined time period as a function of at least one of the second signals.

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17. (New) The system according to claim ~~12~~³, wherein the first signal has at least one of a plurality of current values and a plurality of voltage values, and wherein the third arrangement changes at least one of the current values and the voltage values to at least one of a respective further current value and a respective voltage value for a predetermined time period as a function of at least one of the second signals.

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18. (New) The system according to claim ~~11~~², wherein the generating arrangement generates at least one additional signal which represents a vehicle velocity.

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19. (New) The system according to claim ~~12~~³, wherein the fourth arrangement generates at least one additional signal which represents a vehicle velocity.

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20. (New) The system according to claim ~~11~~⁸, wherein the evaluating arrangement has a linkage arrangement for forming the second signals as a function of a time correlation of the at least one first signal with a predefined change of the selected signal.

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21. (New) The system according to claim ~~12~~³, wherein the fourth arrangement has a linkage arrangement for forming the fourth signals as a function of a time correlation of the at least one third signal with a predefined change of the first signal.

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22. (New) The system according to claim ~~10~~¹, wherein the first arrangement includes an active speed sensor.

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23. (New) The system according to claim ~~12~~³, wherein the first arrangement includes an active speed sensor.

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24. (New) The system according to claim ~~10~~¹, wherein the second arrangement generates at least one of a third signal and a fourth signal of (the second signals), the third signal representing a brake-pad wear on at least one vehicle wheel brake, the fourth signal representing an amplitude of a further signal associated with the first signal.

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25. (New) The system according to claim ~~12~~³, wherein the second arrangement generates at least one of a fifth signal and a sixth signal of the second signals, the fifth signal representing a brake-pad wear on at least one vehicle wheel brake, the sixth signal representing an amplitude of a further signal associated with the first signal.

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26. (New) The system according to claim ~~10~~¹, wherein the first, second and third arrangements are mounted adjacent to the vehicle wheel.

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27. (New) The system according to claim ~~11~~², wherein the evaluating arrangement is mounted at a predetermined distance from the vehicle wheel.

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28. (New) The system according to claim ~~12~~³, wherein the first, second and third arrangements are mounted adjacent to the vehicle wheel, and wherein at least one of the fourth and